

ABSTRACT OF THE DISCLOSURE

The present invention relates to a detector calibration method which enables the measurement of absolute power, uses a power meter with traceability to the national standard for optical power to calibrate the power of each photodetector device of a detector with photodetector device arrays arranged in one dimension or two dimensions and to calibrate the output signals of the detector, and makes it possible to measure the spatial distribution of a light source's power and also values of optical power with traceability to the national standard directly from the output signals of the detector.